

HLL INFRA TECH SERVICES LTD. (HITES)
(Subsidiary of HLL Lifecare Ltd., A Government of India Enterprise)

As executing agency of CDSCO
Invites E-tender for

33KV HT line Works on EPC Basis

VOLUME- 5

TECHNICAL SPECIFICATIONS

Tender No. -HITES/IDN/2023-24/CDSCO/HT LINE WORKS



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TECHNICAL SPECIFICATIONS FOR 33 UNDERGROUD HT LINE THROUGH HDD TECHNOLOGY

A Brief requirement of the Work:

The project shall be executed on EPC (Engineering, Procurement & Construction) basis wherein the Master Plans & Concept Designs shall be as per the UPPCL Specifications, Survey Plans and other drawings. EPC Contractor shall be responsible for complete detailed designing, engineering, procurement, Installation, construction and commissioning of the 33 KV HT line works from 220 KV Sub-Station Bapudham, Ghaziabad to IPC Campus, Raj Nagar, Ghaziabad, U.P.

The EPC Contractor shall carry out Design, Engineering, Supply, Installation, Testing & Commissioning of underground 33KV HT line works through Horizontal Directional Drilling (HDD) from 33 KV Bay at 220KV Bapudham Substation to HT meter inside HT meter room at IPC Campus, Raj Nagar Ghaziabad. All Electrical works shall be designed and executed as per latest codes of practice for Electrical installations and meeting the requirements of Indian Electricity Rules/Act, applicable I.S. Codes/ Rules and relevant IS/ CPWD Specifications/ UPPCL Specifications/requirements, latest up to date.

General:

The EPC contractor shall execute the work as per Uttar Pradesh Power Corporation Limited(UPPCL)/Pashimanchal Vidyut Vitran Nigam Limited,(PVVNL) technical specifications, guidelines/norms or their any other approved documents, applicable for the works/pre dispatch inspection of materials.